

A wide-angle photograph of a multi-lane bridge with concrete and steel railings, spanning a valley. In the background, a city is visible, followed by a range of rugged, blue-toned mountains under a cloudy sky. A semi-transparent yellow rectangle is overlaid on the center of the image, containing the main title and meeting information.

Circle Drive Bridges Replacement Project

PUBLIC MEETING

April 25, 2019

Thank you...



Councilwoman Yolanda Avila, District 4



Pastor Ben Anderson, Solid Rock Christian Life Center

CIRCLE DRIVE BRIDGES



E Las Vegas Street

BNSF RR

S Circle Drive

Hancock Expressway

Fountain Mutual Irrigation Company

Future Sidewalk / Cycle Track

Fountain Creek

Pike Peak Greenway Trail



Necessary Repairs



Rust along girders

Necessary Repairs



Poor condition of underside of deck

Necessary Repairs



Failing concrete along pier caps

Phase I: Rehabilitate vs. Replace

Our Priorities

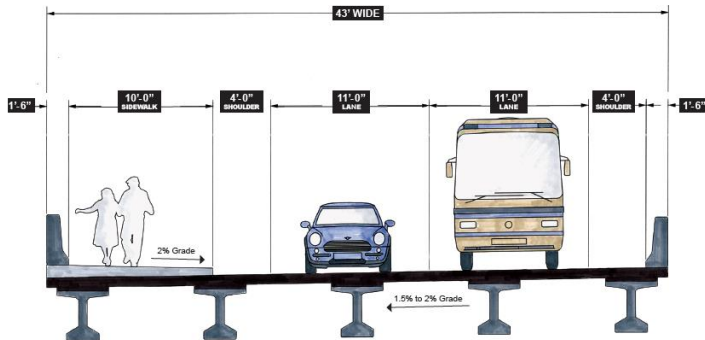
- » Safety
 - » Including adequate facilities for pedestrians and bicyclists
- » Increased performance
- » Costs
 - » Long-term and maintenance
 - » Initial construction
- » Community of Colorado Springs

| | REPLACEMENT | REHABILITATION |
|--|---------------------------|-----------------|
| MEETS CURRENT DESIGN LOADS | | |
| INITIAL CAPITAL INVESTMENT | | |
| MAINTENANCE COSTS OVER THE NEXT 30 YEARS | | |
| MAINTENANCE COSTS OVER THE NEXT 30-75 YEARS | | |
| ADEQUATE BICYCLE/ PEDESTRIAN FACILITIES | | |
| ACCOMMODATES FUTURE REGIONAL TRAIL | | |
| CONSTRUCTION DURATION | | |
| AESTHETIC OPPORTUNITIES | | |
| ACCOMMODATES HANCOCK BIKEWAY AND LAS VEGAS FUTURE IMPROVEMENTS | | |
| GEOMETRIC AND ENVIRONMENTAL IMPACTS | | |
| FOUNTAIN CREEK SCOUR MITIGATION | | |
| | BEST LONG-TERM INVESTMENT | NOT RECOMMENDED |

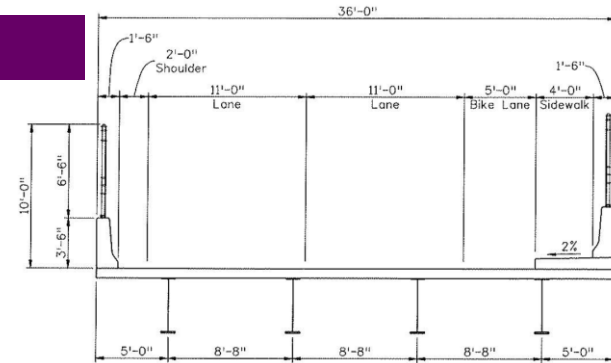
Phase II: Time to Rebuild

The Phase I study allowed our team to determine that the most favorable rehabilitation option is to replace the bridges. Not only is a replacement of the bridges more cost effective, it also has the added benefit of providing enough additional width to add a sidewalk for pedestrians and cyclists.

Replacement Option



Rehab Option

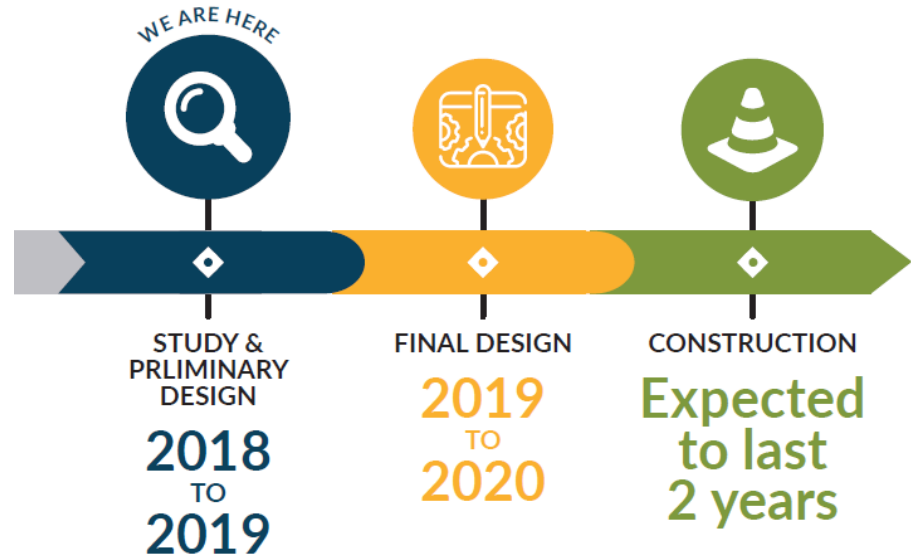


Existing Structure

Where Are We Today?

Phase II – Preliminary Design

- » Evaluating span configuration
- » Roadway typical section
- » Traffic phasing



Student Ambassadors

Student Introductions



School: Harrison High School

Grade: 10th & 11th

Role in this Project:

We have all chosen to be a part of the communication and community involvement group. We chose this because we would like to gather the opinions of our community members and get a greater input on our final project outcome.



How We are helping the City

~ We help make sure that the City is getting fixed up and looking better to make our environment better than ever.

~ We are also making sure that we are making project decisions not just as a project team but as the community of Colorado Springs.

The Benefits to Us Students

We've learned:

- ~ A different perspective of something we use daily.
- ~ A better understanding of how important a simple structure is to our everyday lives.
- ~ Why the restoration/rebuilding of the bridge will take a while.
- ~ Knowledge on the dangers that the bridge may introduce to our community if not addressed.



A Unique Opportunity

- ~ It teaches us individuals what is really going on in our society (things that need to be fixed).
- ~ We get to lend a hand to our community.
- ~ Not everyday do you get to see a student ambassador out there or helping service their community, so giving this opportunity might help student ambassadors seek a career in this field or even take interest into other community service opportunities.
- ~ This opportunity gives us a new perspective on our community and helps us take our own action to help.



Thank you!

Questions?